

# SYSTEM'S SPECIFICATION

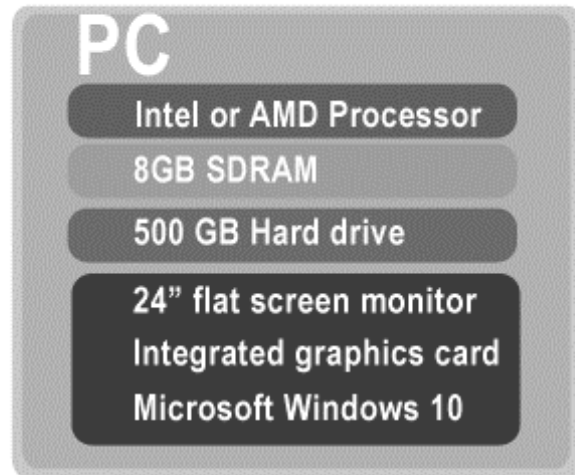
INFORMATION SHEET 1.1-1

# LEARNING OBJECTIVES

1. Identify the computer's system specifications.
2. Know the different method in getting system's information.



# UNDERSTANDING A SPECIFICATION



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**Memory Information**  
RAM (Random Access Memory) is the working memory the computer has available to do work

**Other Information**  
Includes information about the sound and graphics capability of the computer, as well as details of the monitor, operating system and software that come with the computer

**Hard Drive Information**  
The hard drive is a central storage area for the programs being run and the documents or assets created

**Processor Information**  
The processor is the 'brain' of the computer and controls most of the work done

# PURCHASING CONSIDERATION

- What is the intended use of the PC and will the chosen specification fulfil these aims?
- Is the PC compatible with existing computer equipment and software?
- Is the technical support service satisfactory?
- A minimum 3 year warranty including next business day (NBD) onsite, including full parts and labor is recommended
- Will added peripherals be required such as headphones, optical and mice?
- Easy access of multiple USB ports.
- Operating System licensing options.



# HARD DISK SPECIFICATION

**storage capacity**

**2000 GB**

**HDD type**

**3.5" HDD**

**transfer rate**

**480 Mb/s**

**connectivity**

**USB 3.1**

**price**

**PHP 3,900**



# MEMORY SPECIFICATION

storage capacity

8000 MB

RAM type

DDR 4

bus clock (MHz)

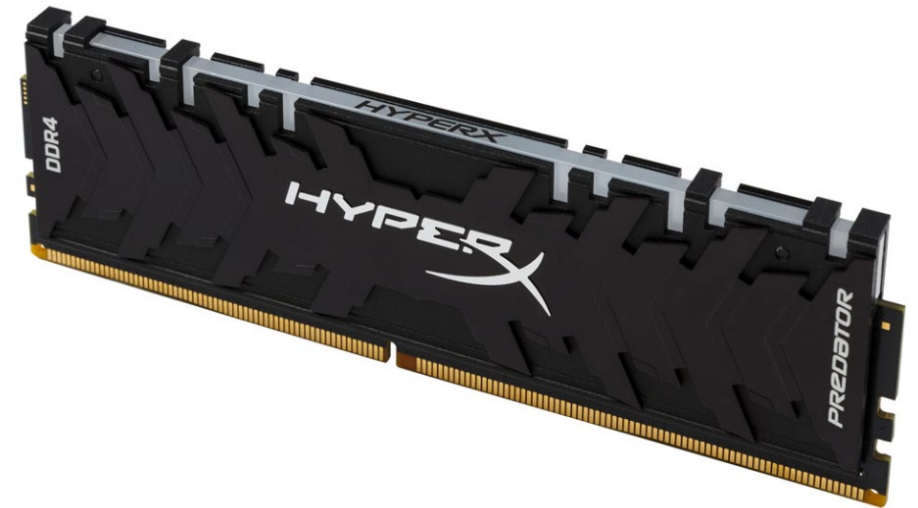
1066-1600

data transfer (GB/s)

17-21.3

price

PHP 4,371



# CPU SPECIFICATION

# of cores

6

# of threads

12

max frequency

4.10 Ghz

cache

9 MB

memory size

16GB

price

PHP 3,500



# GRAPHICS CARD SPECIFICATION

**memory**

**11 GB**

**memory speed**

**14Gbps**

**interface width**

**352-bit**

**display resolution**

**7680x4320**

**display connectors**

**DisplayPort, HDMI, USB  
Type-C**

**price**

**PHP 88,000**





## MONITOR SPECIFICATION

**screen size**

**23"**

**display type**

**LED**

**aspect ratio**

**16:9**

**resolution**

**1920x1080**

**color support**

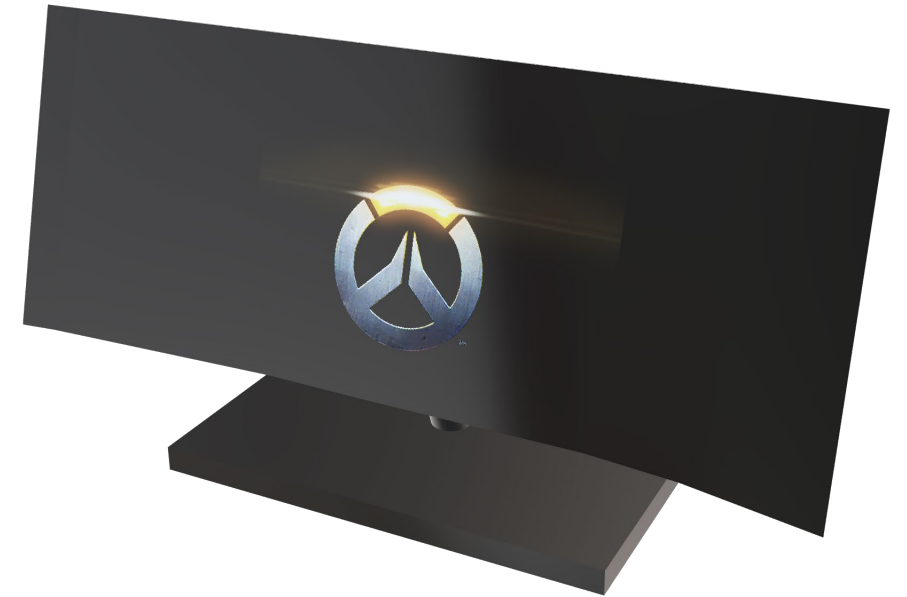
**16.7 million colors**

**interface**

**DVI-I, HDMI, SPDIF output,  
VGA, audio line-out**

**price**

**PHP 7,000**



# MOTHERBOARD SPECIFICATION

CPU support

Intel core  
i7,i5,i3,Celeron 4<sup>th</sup> gen

chipset

Intel H81

memory

2xDIMM max 16 GB

display

vga, dvi-d

expansion

1 x Pcie x16,  
2 x PCIE 2.0 x1

storage

2 x SATA 6Gb/s,  
2x SATA 3Gb/s

lan

1 x gigabit LAN

Audio

Realtek

USB port

2x USB 3.1, 6 x USB 2.0

OS support

Windows OS

Form Factor

uATX Form Factor

8.9" x 7.2"

price

PHP 3,500

*thank you!*

computer systems servicing nc ii

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